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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L-2766

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work <i>Jerry Long</i>		7. Unit Agreement Name Burton Flat Deep Unit No. 14-08-0001-12391	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Burton Flat Deep Unit	
2. Name of Operator MONSANTO OIL COMPANY		9. Well No. 29	
3. Address of Operator 1300 One First City Center 500 West Texas, Midland, Texas 79701		10. Field and Pool, or Wildcat <i>Wildcat</i>	
4. Location of Well UNIT LETTER <u>Lot 3 C</u> LOCATED <u>476'</u> FEET FROM THE <u>North</u> LINE AND <u>1980'</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>21S</u> RGE. <u>27E</u> NMPM		12. County Eddy	
19. Proposed Depth 5700'		19A. Formation Bone Spring	
20. Rotary or C.T. Rotary		21. Elevations (show whether DF, HT, etc.) 3184' GL	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start April 1, 1984			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8" H-40	48.0# ST&C	600'±	500 sx	Circulated
11"	8-5/8" J-55	24.0# ST&C	2500'±	700 sx	Circulated
7-7/8"	5-1/2" K-55	15.5# LT&C	5700'±	750 sx	To isolate all water, oil, and gas zones.

Propose to drill to approximately 5700' to test Bone Spring and intermediate formations.

See attached "Supplemental Data" for casing program and pressure control details.

If commercial production is indicated, the well will be completed in the deepest formation, by cementing production casing, perforating and stimulating. Run 2-7/8" tubing and test well.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-9-84
UNLESS DRILLING UNDERWAY

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Jerry W. Long Title Agent Date March 2, 1984
(This space for State Use)

OIL AND GAS INSPECTOR

APPROVED BY Mike Williams TITLE Oil and Gas Inspector DATE MAR 09 1984

CONDITIONS OF APPROVAL, IF ANY:

8 1/2" casing

Post. App.
OK - 10-12-84
3-16-84

Post ID 2
10-12-84
Exp. Int.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

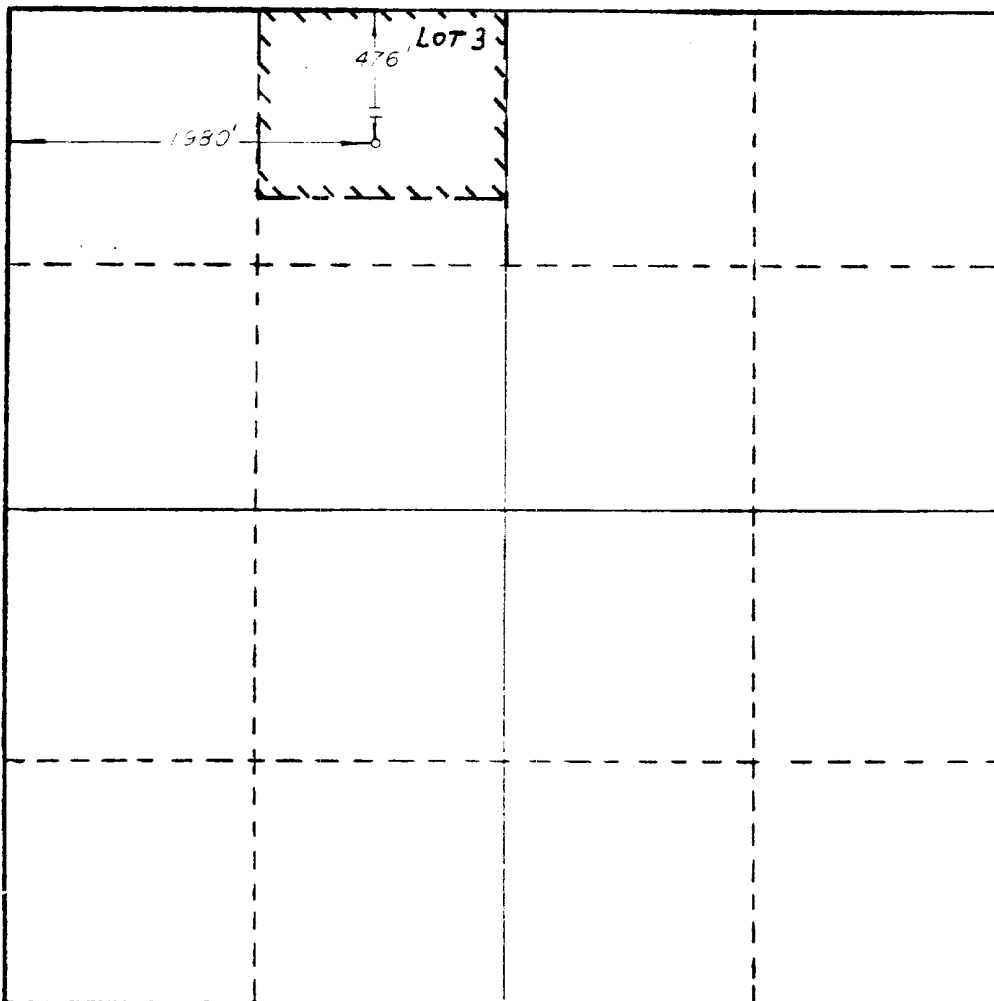
Operator MONSANTO COMPANY			Lease BURTON FLAT UNIT			Well #29		
Unit Letter C	Section 2	Township 21-S	Range 27-E	County EDDY				
Actual Footage Location of Well: 476' feet from the NORTH line and 1980' feet from the WEST line								
Ground Level Elev. 3184'	Producing Formation Bone Spring		Pool Unit E. H. Harker Wildcat			Dedicated Acreage: 28.72 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Jerry W. Long
Name
JERRY W. LONG

Position
Agent

Company
MONSANTO OIL COMPANY

Date
March 2, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

FEB 22 1984

Date Surveyed
RICHARD B. DUNIVEN
Registered Professional Engineer
and/or Land Surveyor

Richard B. Duniven
Certificate No.

4882

SUPPLEMENTAL DRILLING DATA

MONSANTO OIL COMPANY
No.29 Burton Flat Deep Unit
Lot 3, Sec.2-21S-27E
Eddy County, N.M.

L-2766

The following items supplement the information on Form C-101.

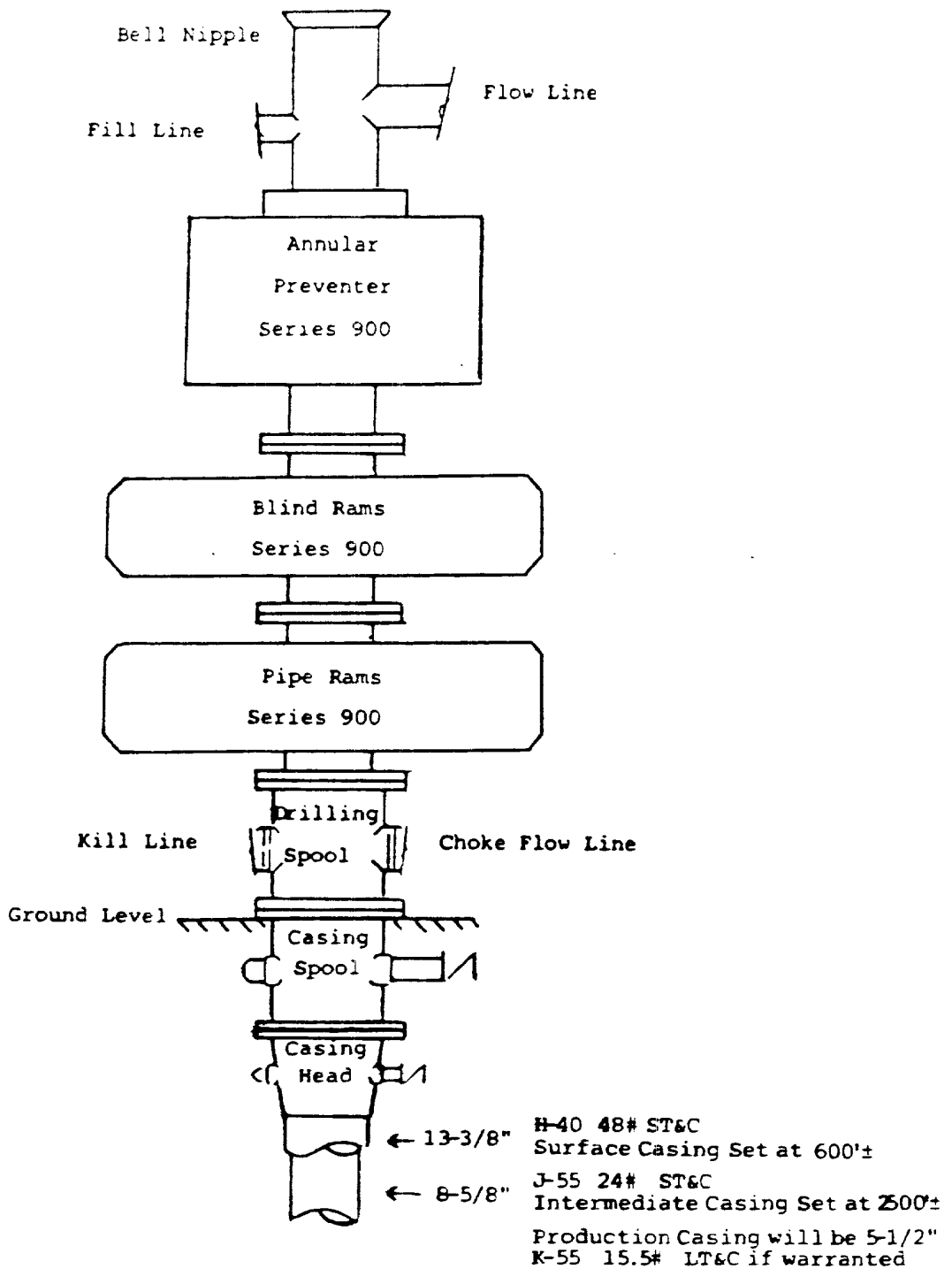
1. PROPOSED CASING PROGRAM:

- 13-3/8" Casing - H-40, 38# ST&C casing will be set to 600'± with cement circulated.
- 8-5/8" Casing - J-55, 24# ST&C casing will be set to 2500'± with cement circulated.
- 5-1/2" Casing - K-55, 15.5# LT&C casing will be set thru the producing zone and cemented with sufficient cement to isolate all oil, gas and water zones.

Intermediate and production casing strings will be tested to 1000 psi.

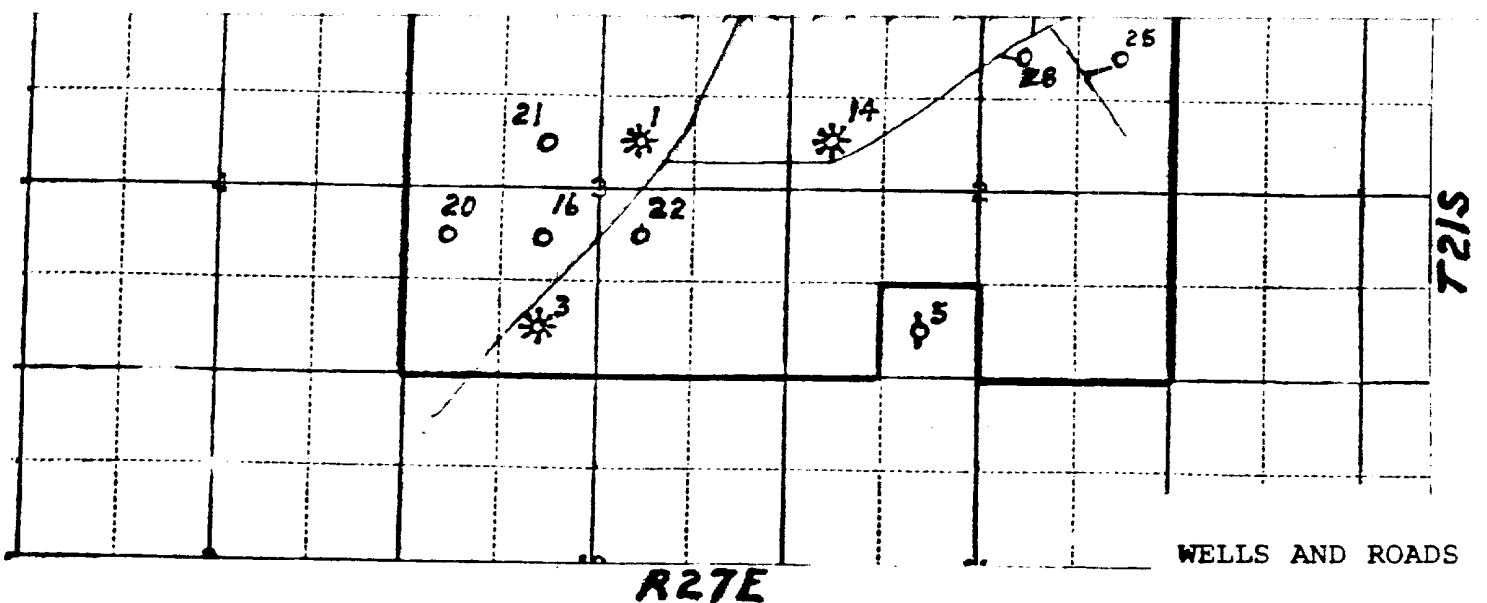
- ### 2. PRESSURE CONTROL EQUIPMENT:
- Pressure control equipment will include a 3000#WP blowout preventer stack with Series 900 annular preventer and Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 2000 psi. BOP hydraulic controls will be operated at least daily. Mud weight will be maintained between 8.8 and 9.5#/Gal. to control bottom hole pressure. A kelly cock will be installed on the kelly joint and a full opening safety valve will be available on the rig floor.

MONSANTO OIL COMPANY
 No.29 Burton Flat Deep Unit
 Lot 3, Sec.2-21S-27E
 Eddy County, N.M.



THE BLOWOUT PREVENTER STACK

3000 Psi Working Pressure



R 28E

T 20S

T 21S

BURTON FLAT DEEP
UNIT

WELLS AND ROADS

R 27E

